

#869
Aerobic Digestion

#8090
Let's Clarify Clarifiers in Wastewater Treatment

6 WASTEWATER CONTACT HOURS

Aerobic Digestion: This class covers the theory of an aerobic digester including proper biological balances. The components and physical elements of the digestion process are outlined, as are the operational controls and process considerations for successful operation of an aerobic digester.

Let's Clarify Clarifiers in Wastewater Treatment: This course will help operators understand the various types of Clarifiers and how they operate as an integral part of the Wastewater Treatment system. Hydraulic Design Principles and Solids Loading Principals will be explained but more importantly how the Clarifier must be operated to stay within those principals will also be shown. Clarifiers as an essential part of the Activated Sludge Process will be shown and key process parameters affecting Clarifier operation will be discussed in detail. Clarifier effects on downstream operations such as disinfection, filtration and Sludge Digestion will be covered. Control parameters and tests to monitor Clarifier performance will be introduced and explained. Measurements such as SVI, MLSS, F:M will be practiced and applied to Clarifier Operation. The course will be specifically geared to making the operator understand the day to day adjustments of running a Clarifier. Theory be "damned" !

Topics to be covered:

- Process Theory
- Digester Components
- Digester Operation & Maintenance
- Essential Functions of Clarifiers
- Loading Types of Clarifiers

July 18, 2019

Holiday Inn
600 Wildflower Drive
Wilkes-Barre, PA 18702
Luzerne County

Class Time: 8:00 am - 3:30 pm
Registration: 7:30 am

*Lunch and materials provided
with your registration*

Instructor: Ed Pietroski

Questions?
Call 800-653-7792 ext. 107 or 108
Or email: Training@PRWA.com
WE HOPE TO SEE YOU THERE!

THE PRWA PROMISE

If you're not 100% satisfied with the training class for any reason, we will give you a refund!

WWW.PRWA.COM/PROMISE

Location:

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Attendance cost per person:
\$120 for PRWA Members
\$155 for Non-Members

PRWA Member? Yes No

Name: _____ PA-DEP Client ID (if applicable): _____

System/Company: _____ Phone: _____

Address: Home System Fax: _____

City _____ State: _____ Zip: _____ Email: _____

PAYMENT:

Check (payable to PRWA)

Invoice Me: Home System

Credit Card: AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3 or 4 Digit # on card): _____

Name on Card (Please print): _____

Signature: _____

To register by FAX or MAIL:
FAX: 814-353-9341
MAIL: 138 W. Bishop St., Bellefonte PA 16823
EMAIL: TRAINING@PRWA.COM
EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SENT IN AN ATTACHMENT.

Amount Due: \$ _____

Questions?

Call 800-653-7792 ext. 107 or 108

Signature shown on card

MEET THE INSTRUCTOR



Ed Pietroski

Ed has a BS in Water Resources Engineering from Penn State University, Capital Campus. Ed has over 40 years experience in the design, construction, and operation of wastewater treatment facilities for both municipal and industrial clients. Ed has trained wastewater operators for approximately 25 years as an instructor for the PA Department of Community Affairs, The Penn State University Cooperative Education Service, and the Pa Rural Water Association.

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Aerobic Digestion

**Let's Clarify Clarifiers in
Wastewater Treatment**



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**Holiday Inn
Luzerne County**

For the most up to date information, check out:

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pa rural water
Association

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